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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/434,870

DATE: 09/06/2001
TIME: 15:11:18

Input Set : A:\06352.ST25.txt
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3 <110> APPLICANT: Huse, William
 4 Watkins, Jeffry
 5 Wu, Herren
 7 <120> TITLE OF INVENTION: Methods of Optimizing Antibody Variable Region Binding
 Affinity
 9 <130> FILE REFERENCE: AME-06352
 11 <140> CURRENT APPLICATION NUMBER: 09/434,870
 C--> 12 <141> CURRENT FILING DATE: 2001-08-20
 14 <150> PRIOR APPLICATION NUMBER: 60/159,689
 15 <151> PRIOR FILING DATE: 1999-10-14
 17 <160> NUMBER OF SEQ ID NOS: 4
 19 <170> SOFTWARE: PatentIn version 3.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 107
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Mus musculus
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 32 20 25 30
 34 Leu His Trp Tyr Gln Gln Lys Ser His Glu Ser Pro Arg Leu Leu Ile
 35 35 40 45
 37 Lys Tyr Ala Ser His Ser Ile Ser Gly Ile Pro Ser Arg Phe Ser Gly
 38 50 55 60
 40 Ser Gly Ser Gly Ser Asp Phe Thr Leu Ser Ile Asn Ser Val Glu Pro
 41 65 70 75 80
 43 Glu Asp Val Gly Ile Tyr Tyr Cys Gln His Gly His Ser Phe Pro Arg
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 60 20 25 30
 62 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
 63 35 40 45
 65 Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
 66 50 55 60
 68 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
 69 65 70 75 80
 71 Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser Asn Trp Pro Leu
 72 85 90 95

RAW SEQUENCE LISTING
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88 20 25 30
90 Gly Met Gln Trp Val Gln Glu Met Pro Gly Lys Gly Leu Lys Trp Ile
91 35 40 45
93 Gly Trp Ile Asn Thr His Ser Gly Val Pro Lys Tyr Val Glu Asp Phe
94 50 55 60
96 Lys Gly Arg Phe Ala Phe Ser Leu Glu Thr Ser Ala Asn Thr Ala Tyr
97 65 70 75 80
99 Leu Gln Ile Ser Asn Leu Lys Asn Glu Asp Thr Ala Thr Tyr Phe Cys
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118 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
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121 Ala Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
122 35 40 45
124 Gly Trp Ile Asn Thr Asn Thr Gly Asn Pro Thr Tyr Ala Gln Gly Phe
125 50 55 60
127 Thr Gly Arg Phe Val Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr
128 65 70 75 80
130 Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys
131 85 90 95
133 Ala Arg Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser
134 100 105 110
136 Ser

VERIFICATION SUMMARY

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date